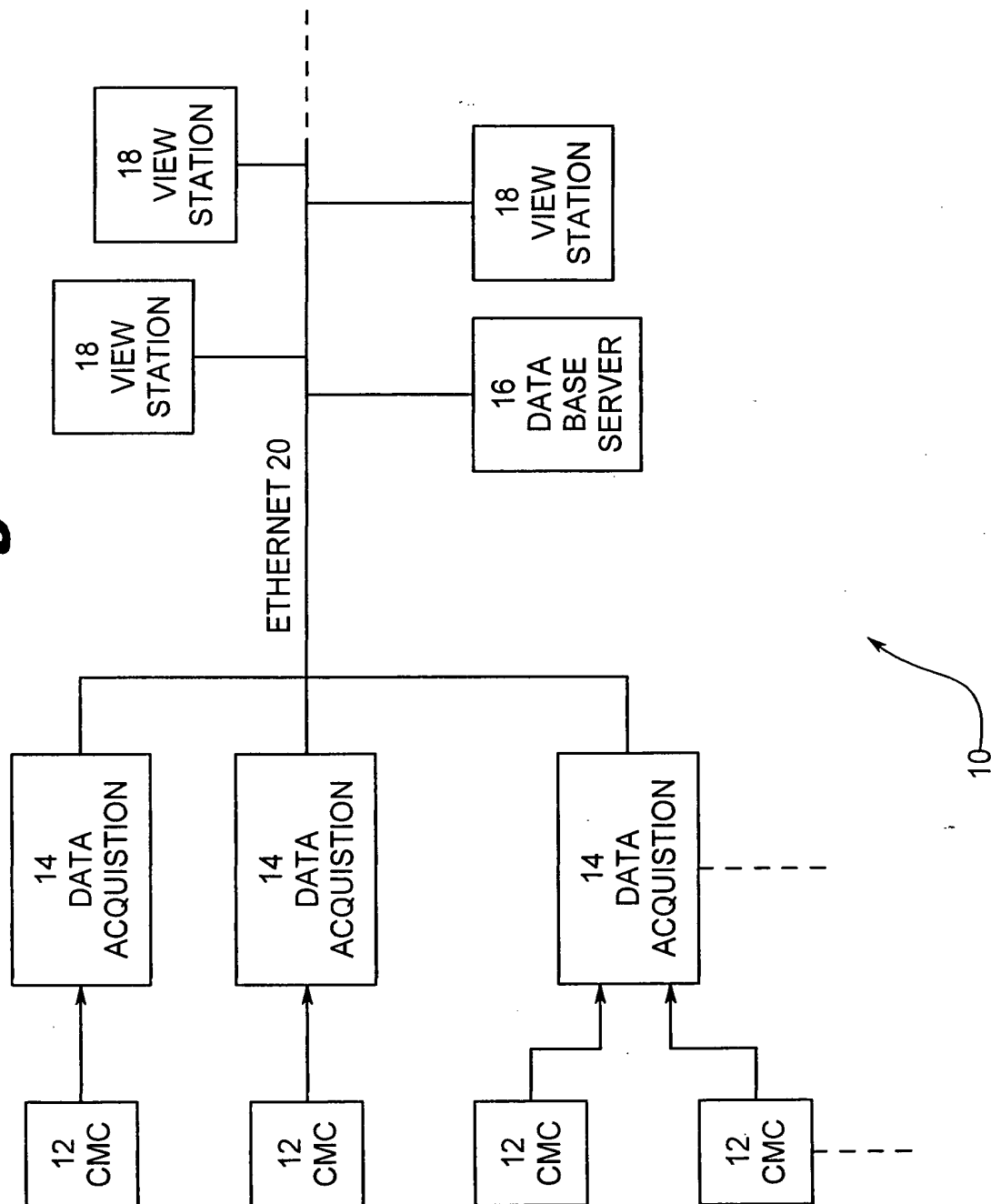
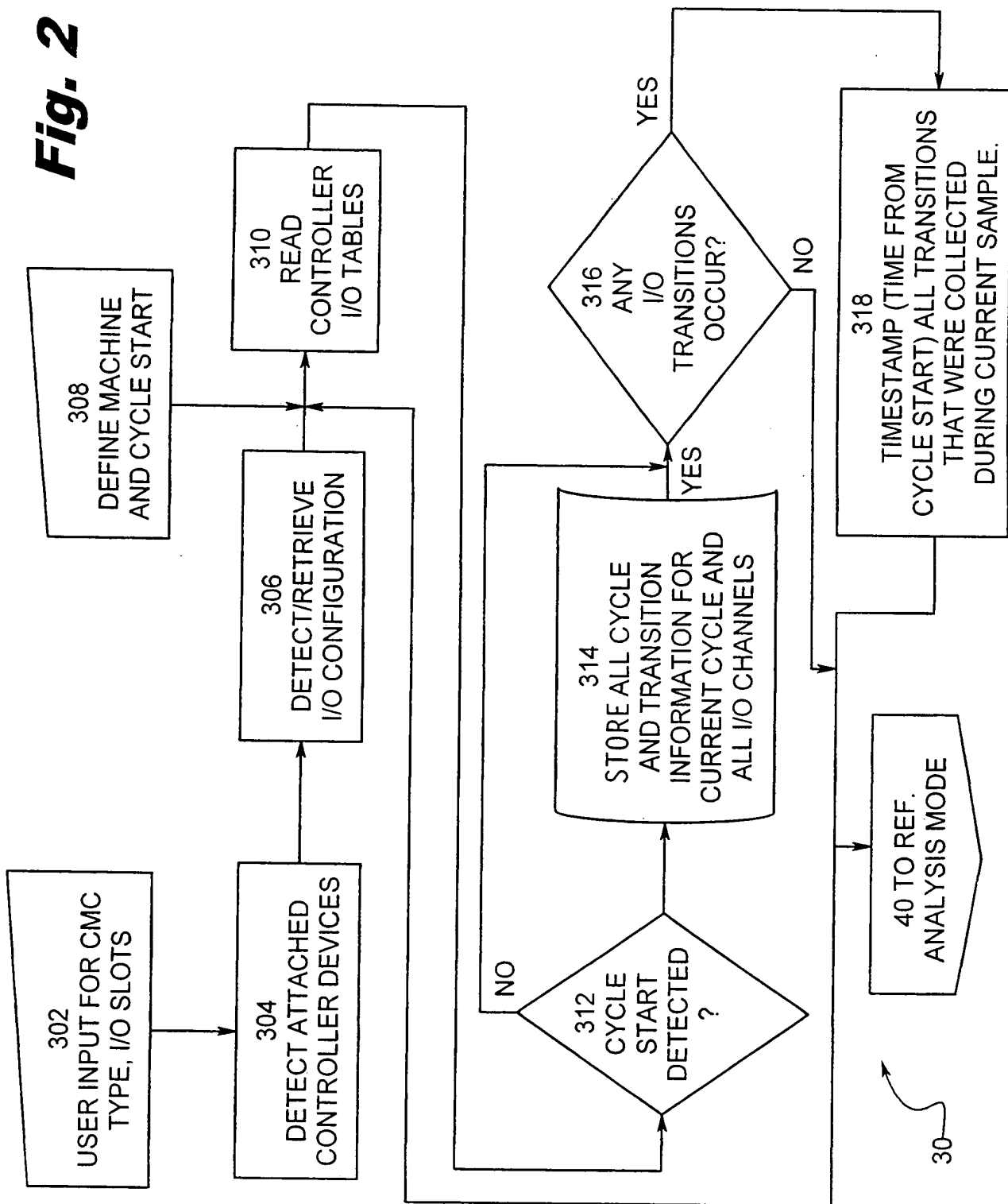




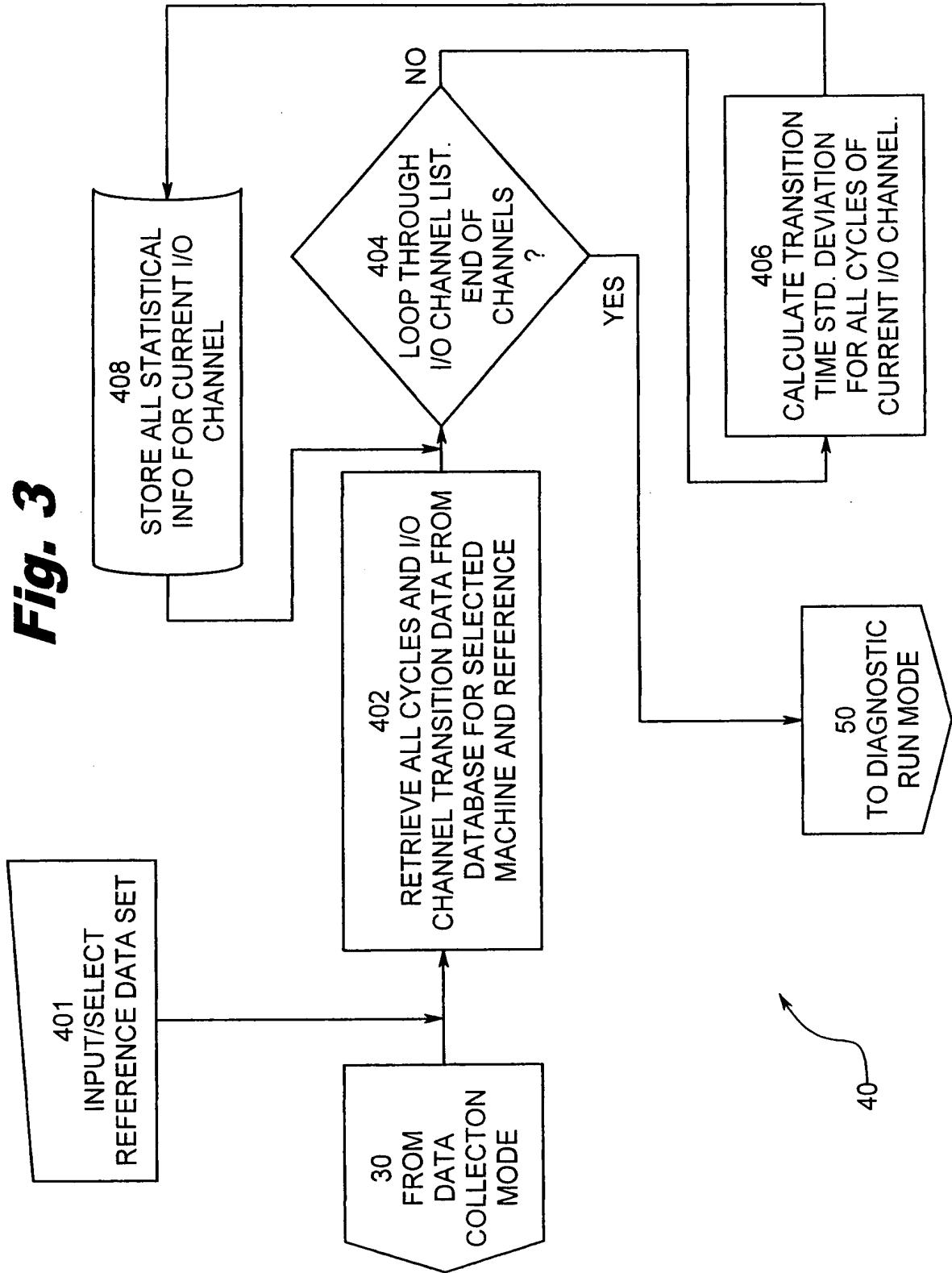
**Fig. 1**



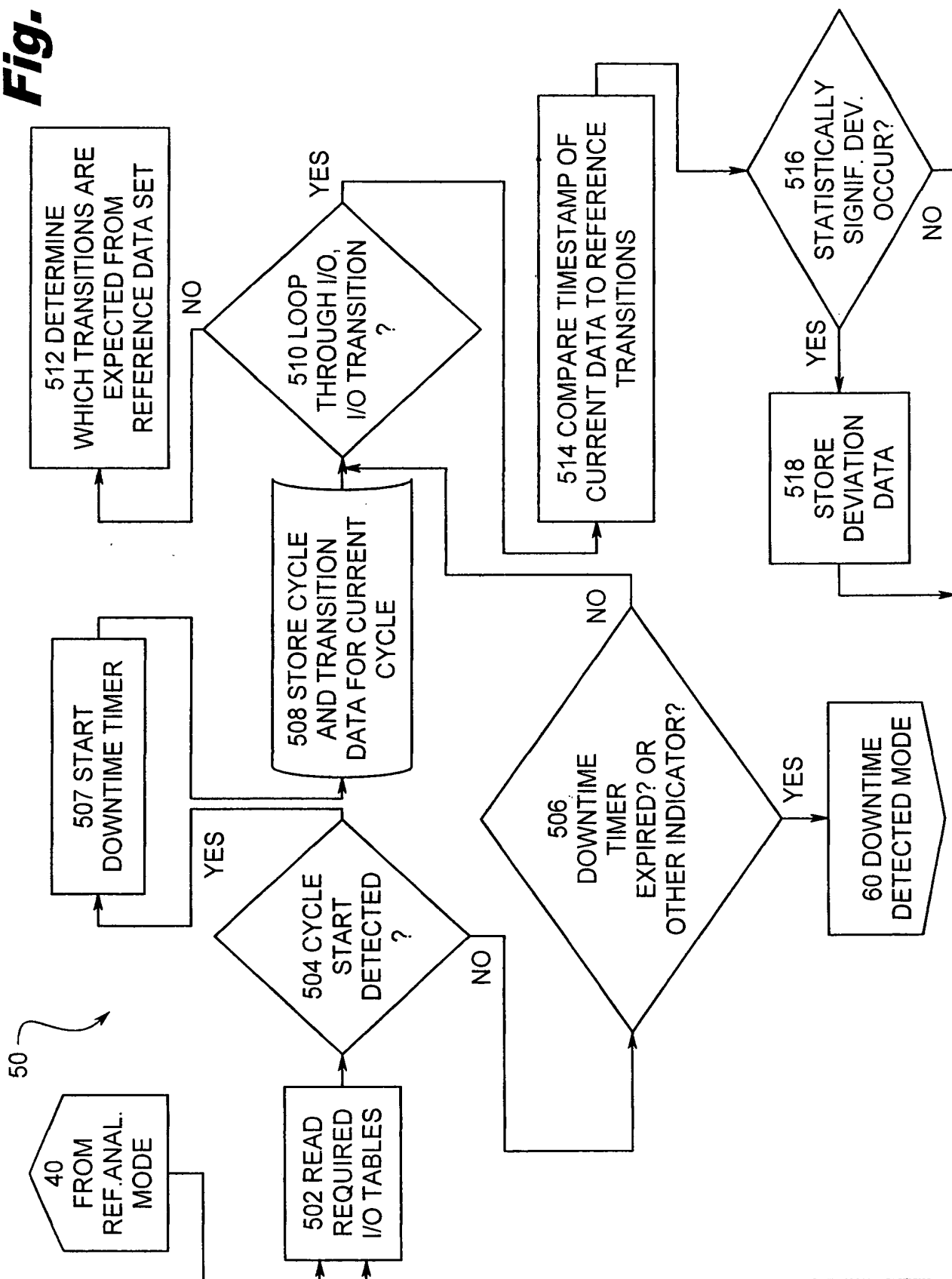
**Fig. 2**



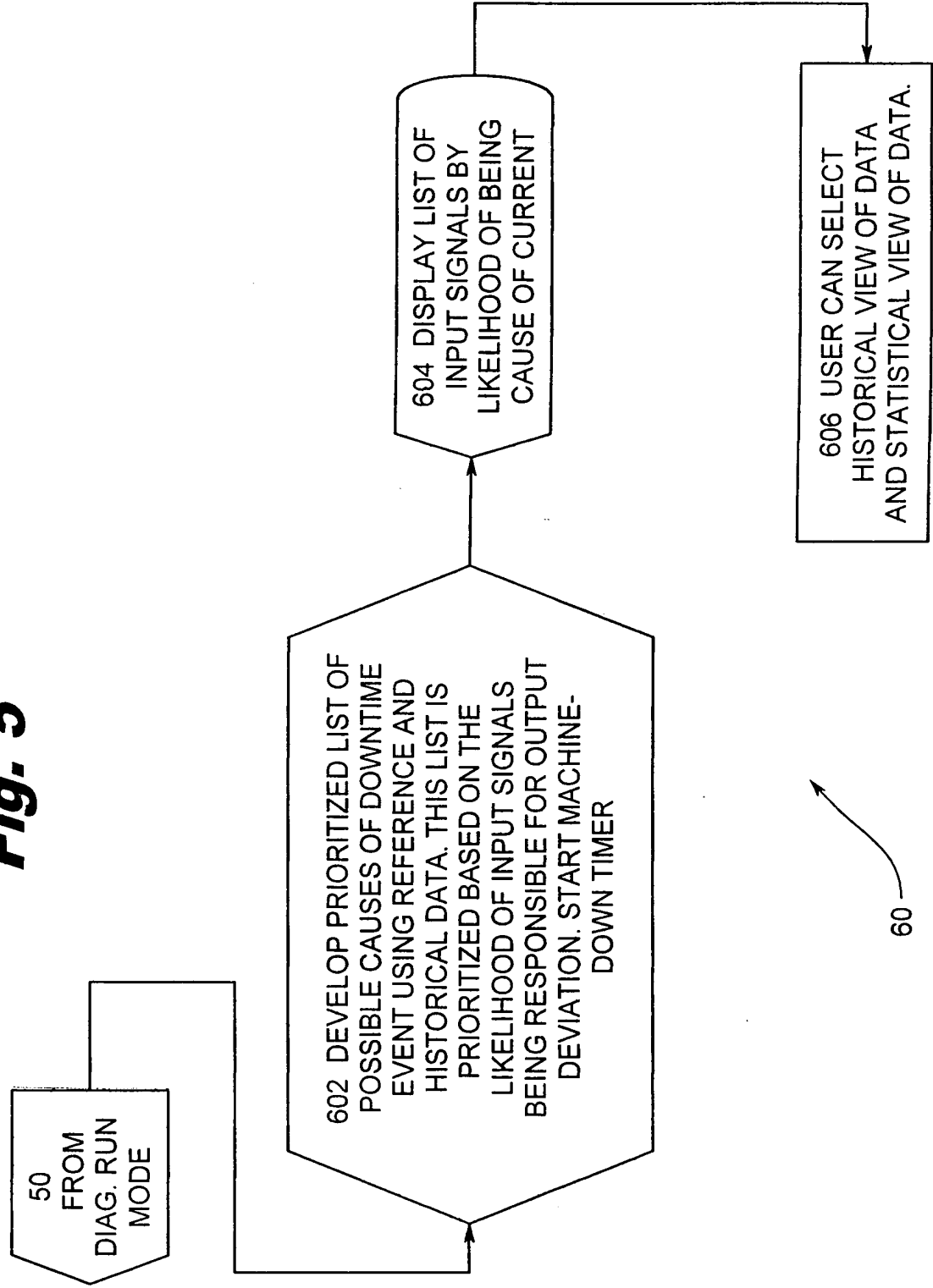
**Fig. 3**



**Fig. 4**



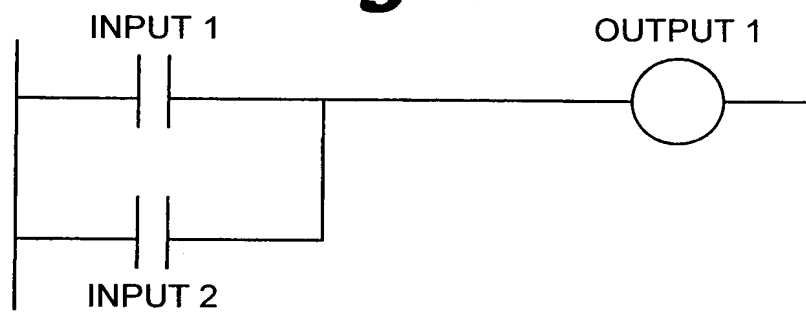
**Fig. 5**



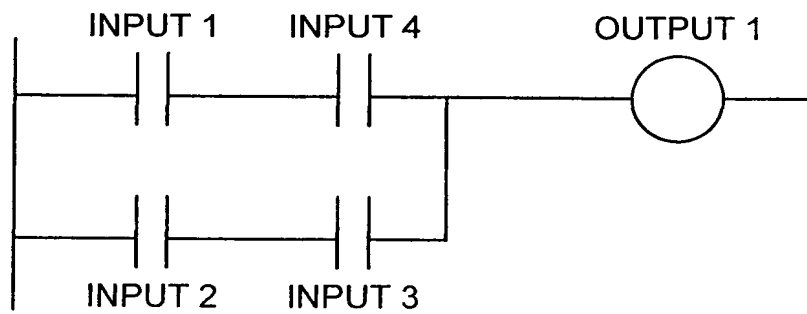
***Fig. 6***



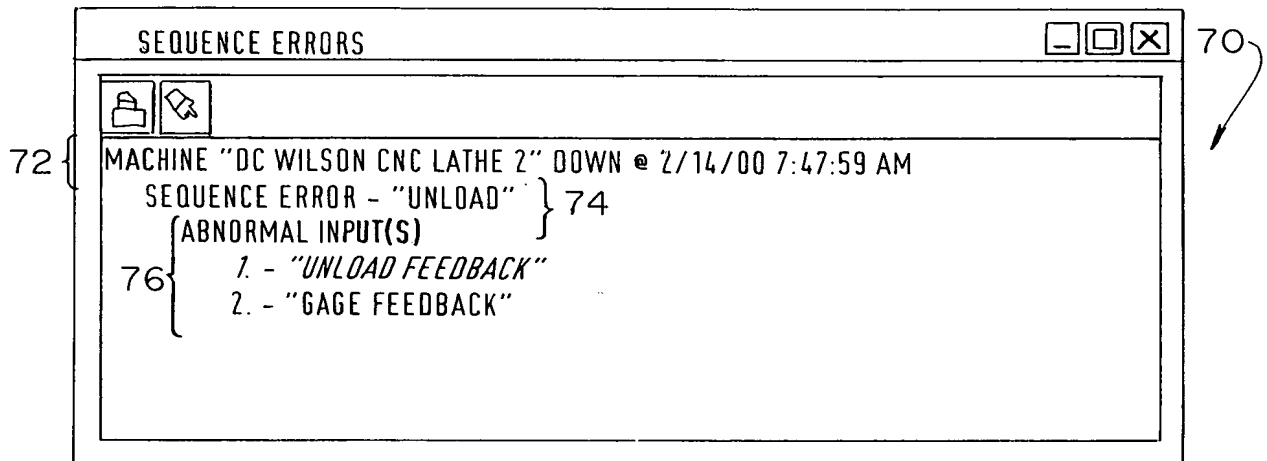
***Fig. 7***



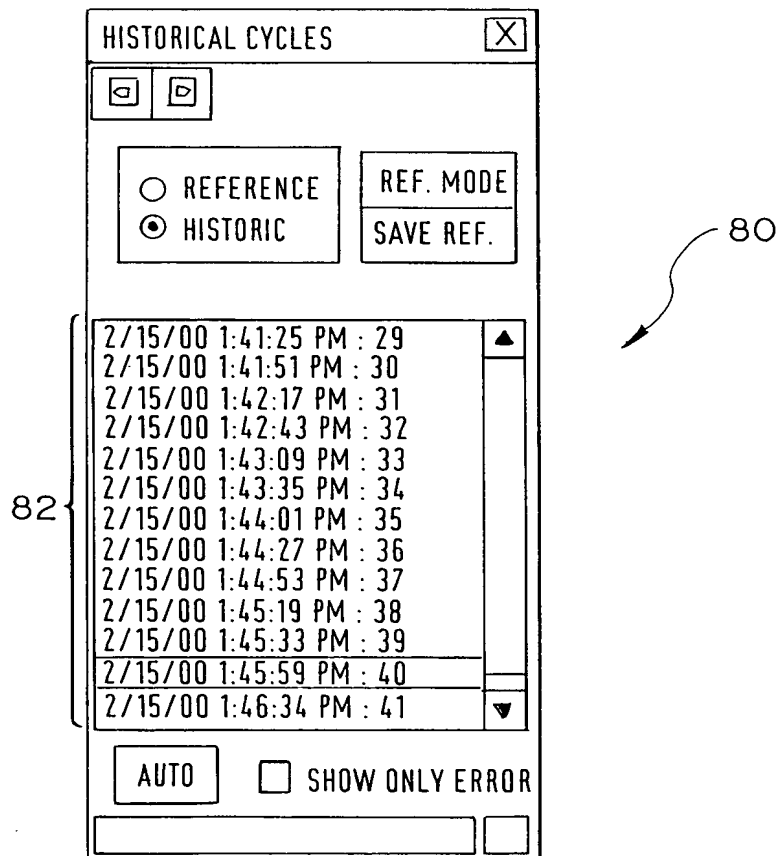
***Fig. 8***



**Fig. 9**



**Fig. 10**

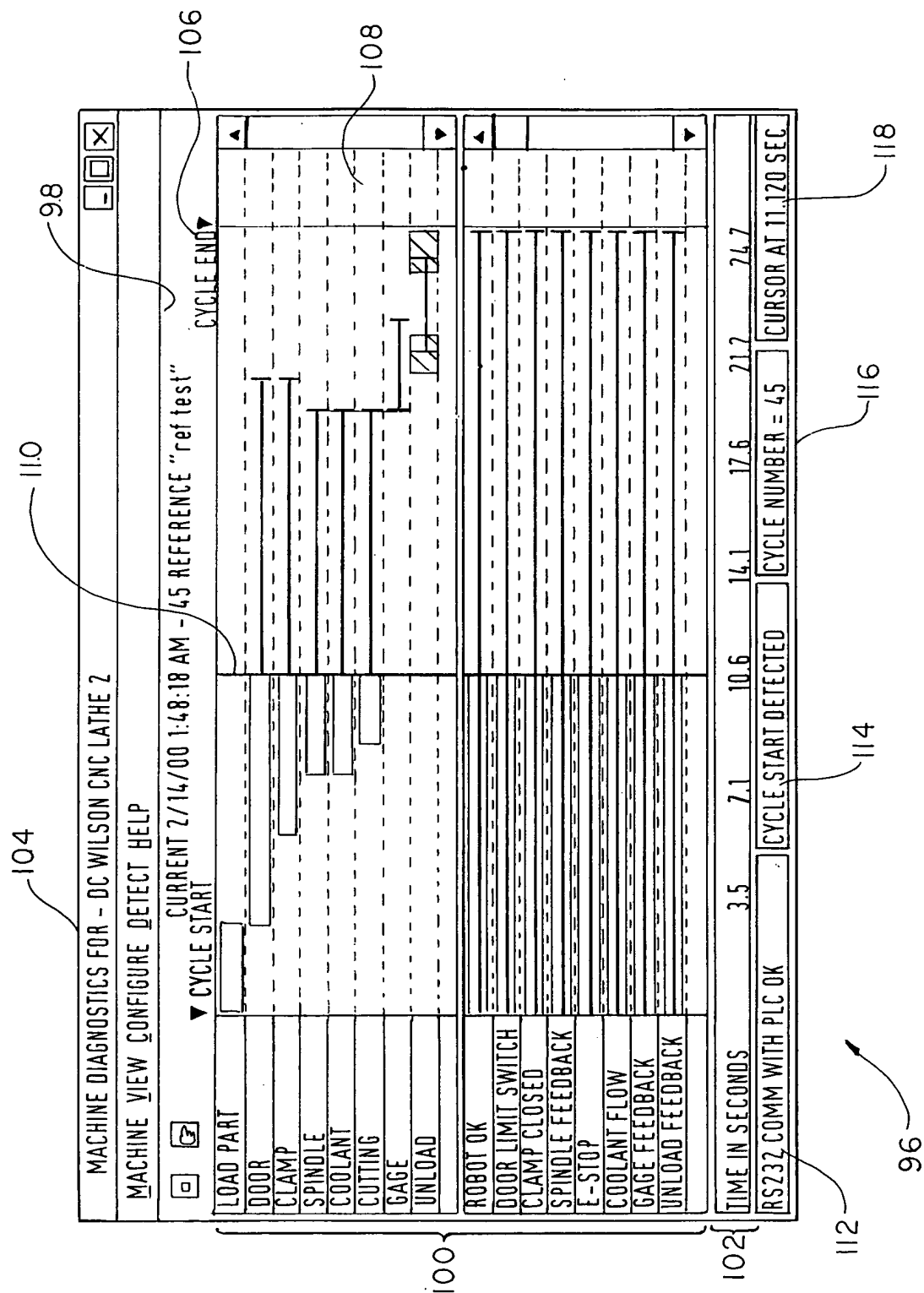


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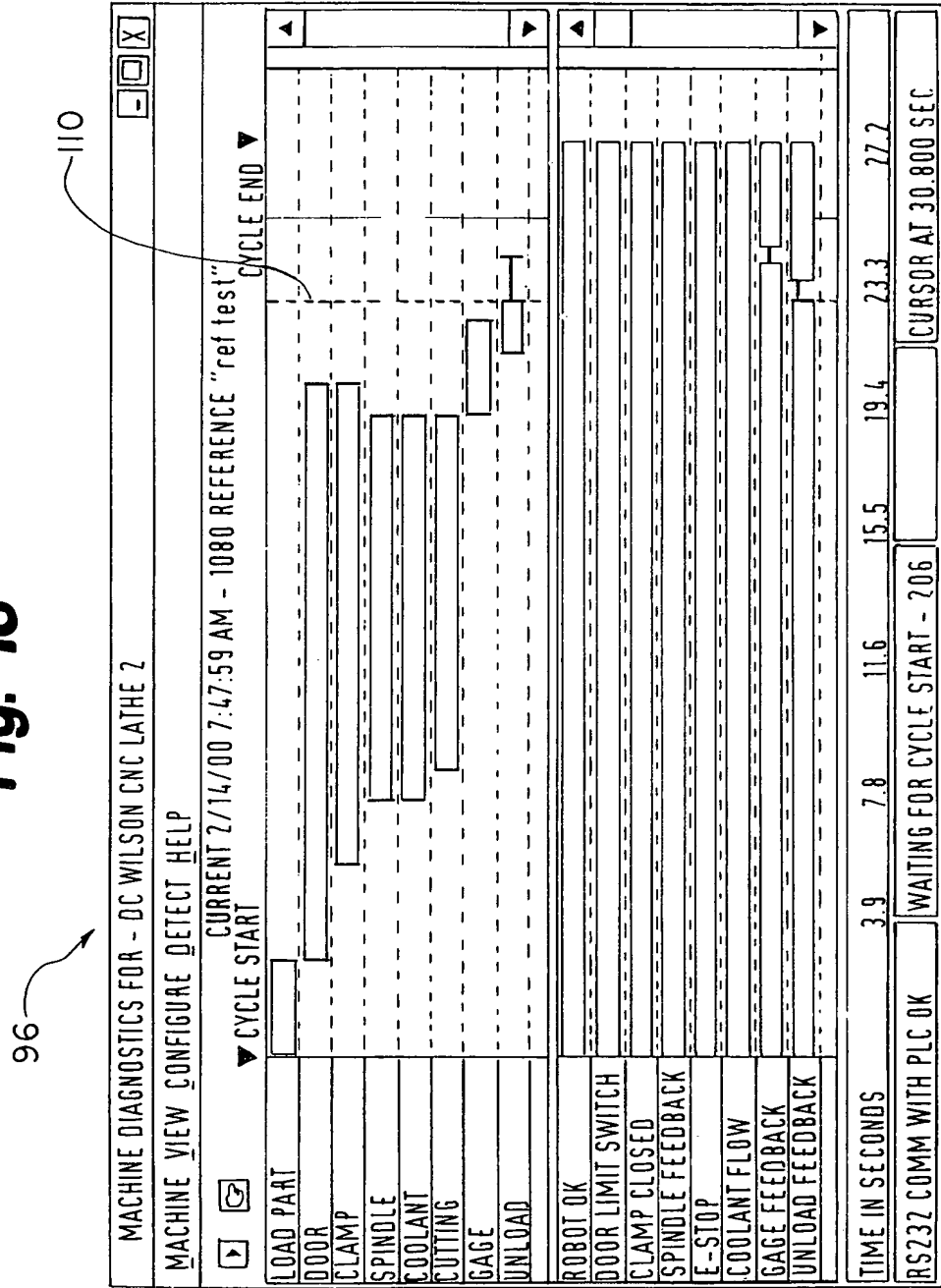
96



**Fig. 12**



# Fig. 13



66



**Fig. 15**

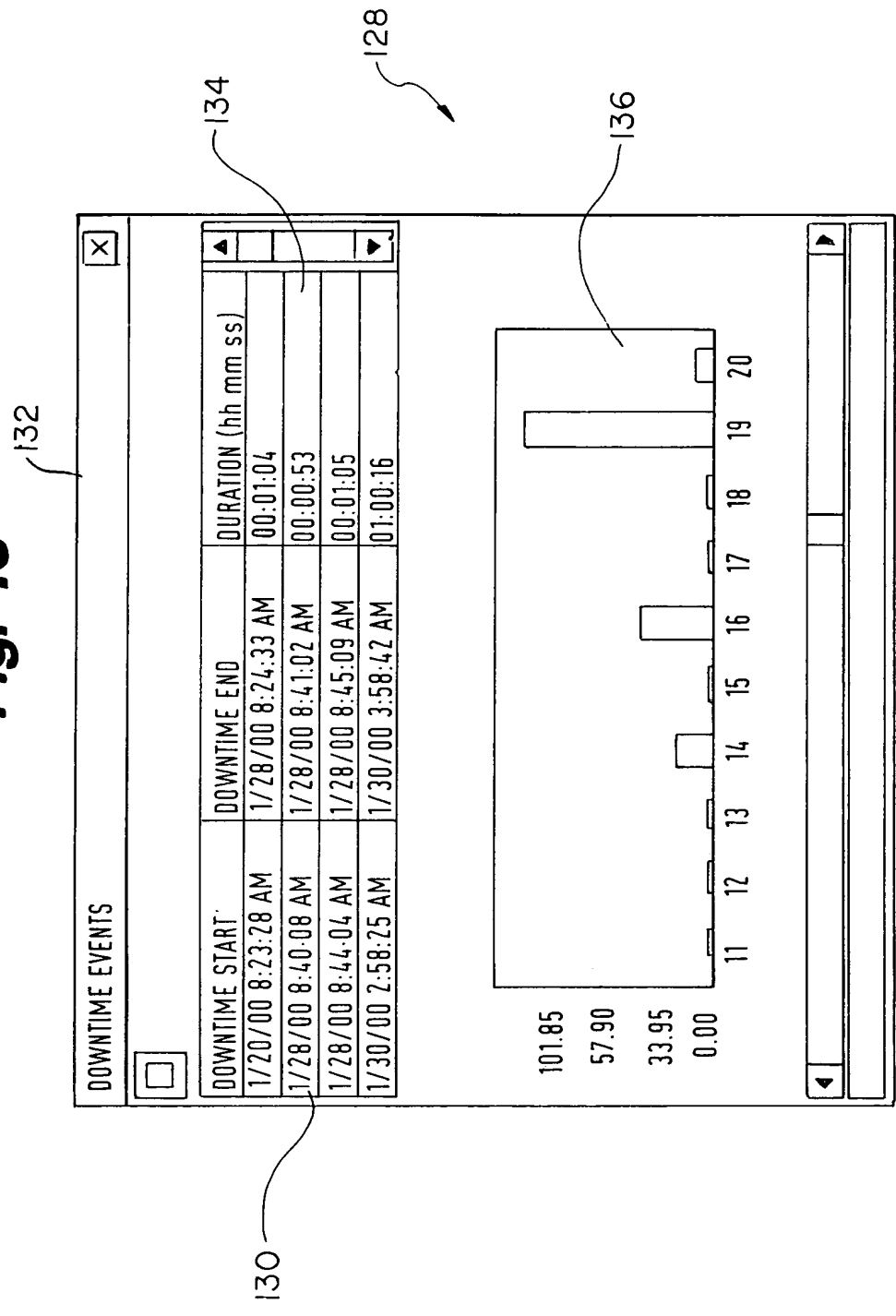
122 {

I/O VIEW - AT CURSOR		[X]
OUTPUT NAME	LIVE	▲
SHUTTL S1 ENABLE SHUTTLE DRIVE	OFF	
SHUTTL S1 HYD PUMP H1 MTR	OFF	
SHUTTL S1 HYD PUMP H3 STA SRH	OFF	
SHUTTL S1 PALLET PRESENT IN CORN	OFF	
SHUTTL S1 SHUTTLE CYCLED PL	OFF	
SHUTTL S1 SHUTTLE ADV D PL	OFF	
SHUTTL S1 CLOSE ESCAPEMEN SOL	OFF	
SHUTTL S1 ADVANCE PUSHER CORNER	OFF	
SHUTTL S1 DISENGAGE SHUTTLE SOL	OFF	
SHUTTL S1 SHUTTLE DIS-ENGAGED P	OFF	▼
INPUT NAME	LIVE	▲
SHUTTL S1 SPARE	OFF	
SHUTTL S1 HYD PUMP H3 RUN G (STA	OFF	
SHUTTL S1 HYD PUMP H1 RUN G MTR	OFF	
SHUTTL S1 HYD #3 LOW LEVEL FLS	OFF	
SHUTTL S1 CLAMP TABLE MTR OVERLO	OFF	
SHUTTL S1 ADVANCED (AUX 0) CR	OFF	
SHUTTL S1 DISENGAGE #1 LS	OFF	
SHUTTL S1 ESCAPEMEN CLOSED LS	OFF	
SHUTTL S1 SHUTTLE DISENGAGE #2 L	OFF	
SHUTTL S1 PUSHER ADVANCED LS	OFF	
SHUTTL S1 ADV D CORNER B SHOT PI	OFF	
SHUTTL S1 SPARE	OFF	
SHUTTL S1 SPARE	OFF	
SHUTTL S1 OFFLINE ON/OFF SS	OFF	▼

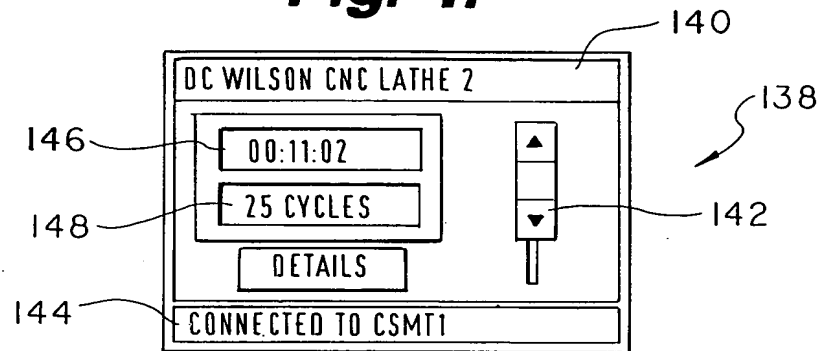
124

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Fig. 16



**Fig. 17**



**Fig. 18**

